



Cal/EPA

Department of
Toxic Substances
Control

245 West Broadway,
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August 30, 1996

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Joseph Joyce
Base Realignment and Closure
Environmental Coordinator
Headquarter Marine Corps
Air Station El Toro
P.O. Box 95001
Santa Ana California 92709-5001

**REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE
REQUIREMENTS FOR OPERABLE UNITS 2B AND 2C**

U.S. Marine Corps (USMC) letter dated July 26, 1996 and received in the Department of Toxic Substances Control Long Beach office on August 2, 1996 requested the Department of Toxic Substances Control (DTSC) as the lead agency for the State of California to identify potential State chemical, location, and action-specific Applicable or Relevant and Appropriate Requirements (ARARs) for Operable Units 2B and 2C (OU-2B and OU-2C). USMC letter presented background information concerning the operable units, which included information on the 4 landfill sites, chemicals of potential concern and a minimum of six potential remedial alternatives for each landfill site focusing on the components of the presumptive remedy for an Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) munipicle landfill.

DTSC has enclosed ARARs from the following agencies: Regional Water Quality Control Board - Santa Ana Region, California Integrated Waste Management Board, California Air Resources Board, California Department of Health Services, Orange County Health Care Agency and Orange County Fire Authority. If DTSC receives ARARs from the remaining agencies, the Department will forward the information. DTSC has enclosed the mailing list of the agencies that DTSC solicited ARAR's. After completing the requirement in the Federal Facility Agreement (FFA) section 7.6(c), DTSC requests that the USMC notify DTSC when USMC solicited again the non-responding agencies.



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The ARAR analysis is an iterative process. As the alternatives are more fully described in the Feasibility Study, additional ARARs may be apparent.

If you have any questions, please call me at (310) 590-5923.

Sincerely,



Roy Yeaman, Senior HSS
Base Closure Unit
Office of Military Facilities

Enclosures (8)

cc: Ms. Bonnie Arthur w/o enclosures
Project Manager
U. S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105-3901

Mr. Larry Vitale w/o enclosures
Project Manager
California Environmental Protection Agency
Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, California 92507-2409

Mr. Juan Gutierrez w/o enclosures
Office of Legal Counsel
Department of Toxic Substances Control
Mail Code HQ-8
P.O. Box 806
Sacramento, California 95812-0806

POTENTIAL ARAR's

Source ¹	Standard, Requirement, Criterion, or Limitation	ARAR Status	Description	Comment
66264.14(a)	security requirement	relevant	prevent the unauthorized entry of persons or livestock	
66264.18 (a) (b)	seismicity standard floodplain requirement	relevant relevant	location specific	
66264.19(a,c)	landfill construction standards	relevant	ensures the proper construction of landfills	
66264.25	Design standards to meet seismic and precipitation requirements	relevant	landfill standard to function during 24 hour maximum precipitation storm; and withstand maximum credible earthquake.	
66264.51 66264.52(b)	action specific	TBC	requirement that proper action be taken in event of landfill failure	FS or Proposed Plan should discuss who and what action will be taken if the landfill fails e.g. washout of sites 2 or 17
66264.97 to 66264.100	general water quality standard, and detection monitoring, evaluation monitoring and corrective action for maintaining water quality standard	relevant	establish a groundwater monitoring program to protect and remediate groundwater contamination from landfills	Sites 2 and 17 have "hits" in soil and vapor which may produce leachate contaminating groundwater. Site 2 has "hits" of contamination in groundwater
66264.117 (a-d), (f)	requirements for the care and use of property	relevant	specifies the care and/or use of the landfills.	
66264.301 (a-i), (k,l)	requirements for landfill extensions	relevant	specifies for leachate collection, liner, run-on and -off, and particulate matter control	relevant if planning to extend the landfills boundaries.
66264.302, 66264.303 (a,b) 66264.304	requirement for having a liner with leak detection and response plan for excessive leachate	relevant	monitoring for generated leachate	relevant if extend the landfills boundaries.
66264.309	requirement	relevant	maintain records about the landfills	as much information collated on the landfills should be part of the record
66264.310	closure and post closure care requirements	relevant	cap requirements, maintenance requirements	

POTENTIAL ARAR's

1. Source is the California Code of Regulations, Title 22

MAILING LIST
ARARs Request
Marine Corps Air Station El Toro

Mr. Lawrence Vitale
Remedial Project Manager
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Ms. Darice Bailey
California Department of Health Services
Environmental Management Branch
601 North 7th Street (MS 396)
P.O. Box 942732
Sacramento, California 94234-7320

Mr. Scott A. Flint, Senior Biologist
California Department of Fish and Game
Environmental Services Division
20 Lower Ragsdale Drive, Suite 100
Monterey, California 93940

Mr. Peter Janicki
California Integrated Waste Management Board
Permitting and Compliance Division
8800 Cal Center Drive
Sacramento, California 95826

Mr. Roy Herndon
Orange County Water District
10500 Ellis Avenue
P.O. Box 8300
Fountain Valley, California 92728-8300

Mr. Ronald E. Young
General Manager
Irvine Ranch Water District
P.O. Box 57000
Irvine, California 92619

Mr. Don McIntyre, General Manager
Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, California 92708

Mr. William Thompson
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765

Mr. Lynn Baker
California Air Resources Board
2020 "L" Street
Sacramento, California 95814

Mr. Tom Peltier
State Water Resources Control Board
Division of Clean Water Programs
B.O. Box 944212
Sacramento, California 94244-2120

Mr. Robert F. Joseph, Chief
Advance Planning Branch
Department of Transportation (CALTRANS)
District 12
2501 Pullman Street
Santa Ana, California 92705

Mr. Chris Crompton, Manager
County of Orange
Environmental Management Agency
Public Works
300 North Flower Street
Santa Ana, California 92702

Mr. Bob Woodling
Director of Public Works
City of Lake Forest
23778 Mercury Road
Lake Forest, California 92630

Mr. Thomas B. Mathews
Director of Planning
County of Orange
Environmental Management Agency
300 North Flower Street
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Mr. Robert E. Merryman
Director, Environmental Health
Orange County Health Care Agency
P.O. Box 355
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Mr. Charles Brobeck
Director of Public Safety
City of Irvine
P.O. Box 19575
Irvine, California 92713

Mr. Barry McClellan
Director of Public Works
City of Irvine
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Cal OSHA
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Santa Ana, California 92701

Mailing List ARARs
MCAS El Toro
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Environmental Health Division
Solid Waste Local Enforcement Agency
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